Chem 112/111 Test Two Review-Elements

Chapter2 Pages 55-88

IUPAC, Naming elements beyond 103(temporary), Metals vs Non-metals, SATP, Metalloids, Periodic Table, Newlands, Meyer, Original periodic law, Mendeleyev,Family, Group, Atomic mass, atomic mass unit, alkali metals, alkaline earth metals, halogens, noble gases, representative elements, lanthanides, actinides, transuranic elements, Hydrogen, orbitals( s,p,d,f), diagonal rule, #protons, #neutrons, #electrons in atoms and ions, electron configuration using the diagonal rule, Radioisotope, Types of radiation(table in your notes), electron, proton, neutron, nucleus, atomic number, mass number, isotope, atom and ion energy level diagrams, valence electrons, ion, cation, anion

Models of the atom, Dalton, Thomson, Rutherford, Bohr, Moseley(new periodic law), Aristotle, Millikan, Nagaoka, Chadwick, Max Plank, Einstein, Soddy, Billiard Ball Model, Raisin Bun Model, Planet Saturn Model, Nuclear Model, Bohr(Orbits model and line spectra of hydrogen), Quantum Mechanical Model(orbitals), Theories, RRR, Noble or Inert gases(stability)

This is a chapter that is mostly studying and memorizing. Make sure you put the time in to be well prepared.

FORMAT OF TEST: Multiple Choice/Fill in the blanks/Matching/Calculation(mass#,p+,no,e-  , atomic #)

Chem 111-Half life problems